

# PATENT APPLICATION

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

**ATTORNEY DOCKET NO. MSFT-0307**

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: SYSTEM AND METHODS FOR PROVIDING HISTOGRAM COMPUTATION IN A HIGH PRECISION RASTERIZATION PIPELINE

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

## Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

## Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

## U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

## POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Katie E. Sako, Reg. No. 32628	Daniel D. Crouse, Reg. No. 32022		

Send Correspondence to:

Thomas E. Watson  
**WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP**  
One Liberty Place - 46th Floor  
Philadelphia PA 19103

Direct Telephone Calls To:

Thomas E. Watson  
(206) 332-1380

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Nicholas P. Wilt

Citizenship: United States of America

Residence: Seattle, Washington

Post Office Address: 1612 - 34<sup>th</sup> Avenue, Seattle, WA 98122



Inventor's Signature

17 Sep 2001  
Date

09960763-109201  
F07260" 05209660

# PATENT APPLICATION

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

ATTORNEY DOCKET NO. **MSFT-0307**

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SYSTEM AND METHODS FOR PROVIDING HISTOGRAM COMPUTATION IN A HIGH PRECISION RASTERIZATION PIPELINE**

the specification of which is attached hereto unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

### Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

### Provisional Application

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NUMBER	FILING DATE

### U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NUMBER	FILING DATE	STATUS(patented/pending/abandoned)

### POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Katie E. Sako, Reg. No. 32628	Daniel D. Crouse, Reg. No. 32022		

### Send Correspondence to:

### Direct Telephone Calls To:

**Thomas E. Watson**  
**WOODCOCK WASHBURN KURTZ**  
**MACKIEWICZ & NORRIS LLP**  
One Liberty Place - 46th Floor  
Philadelphia PA 19103

**Thomas E. Watson**  
(206) 332-1380

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Nicholas P. Wilt

Citizenship: United States of America

Residence: Seattle, Washington

Post Office Address: 1612 - 34<sup>th</sup> Avenue, Seattle, WA 98122

Nicholas P. Wilt  
Inventor's Signature

17 Sep 2001  
Date

09960758-092101

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

Nicolas Wilt

Serial No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: Herewith

Examiner: Not yet assigned

**For:** SYSTEM AND METHODS FOR PROVIDING HISTOGRAM COMPUTATION IN A HIGH  
PRECISION RASTERIZATION DATA PIPELINE

Commissioner for Patents  
Washington DC 20231

Sir:

## ASSOCIATE POWER OF ATTORNEY

The undersigned, of the firm WOODCOCK WASHBURN KURTZ  
MACKIEWICZ & NORRIS LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania  
19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	Terence P. Strobaugh	Registration No. 25,460
Dale M. Heist	Registration No. 28,425	Michael J. Swope	Registration No. 38,041
John W. Caldwell	Registration No. 28,937	Michael J. Bonella	Registration No. 41,628
Gary H. Levin	Registration No. 28,734	Harold H. Fullmer	Registration No. 42,560
Steven J. Rocci	Registration No. 30,489	John E. McGlynn	Registration No. 42,863
Dianne B. Elderkin	Registration No. 28,598	Jonathan M. Waldman	Registration No. 40,861
John P. Donohue, Jr.	Registration No. 29,916	Paul K. Legaard	Registration No. 38,534
Henrik D. Parker	Registration No. 31,863	Chad Ziegler	Registration No. 44,273
Suzanne E. Miller	Registration No. 32,279	Gwilym J.O. Attwell	Registration No. 45,449
Lynn B. Morreale	Registration No. 32,842	David N. Farsiou	Registration No. 44,104
Mark DeLuca	Registration No. 33,229	Steven H. Meyer	Registration No. 37,189
Joseph Lucci	Registration No. 33,307	Paul B. Milcetic	Registration No. 46,261
Michael P. Dunnam	Registration No. 32,611	Joseph R. Condo	Registration No. 42,431
Michael D. Stein	Registration No. 34,734	Michael K. Jones	Registration No. 41,100
Albert J. Marcellino	Registration No. 34,664	Frank T. Carroll	Registration No. 42,392
David R. Bailey	Registration No. 35,057	Mark J. Rosen	Registration No. 39,822
Doreen Yatko Trujillo	Registration No. 35,719	Mitchell R. Brustein	Registration No. 38,394
Barbara L. Mullin	Registration No. 38,250	Eric H. Vance	Registration No. 47,151
Michael P. Straher	Registration No. 38,325	Peter M. Ullman	Registration No. 43,963
Kevin M. Flannery	Registration No. 35,871	Richard B. LeBlanc	Registration No. 39,495
David A. Cherry	Registration No. 35,099	Joseph D. Rossi	Registration No. 47,038
Robert B. Washburn	Registration No. 16,574	Rosaleen P. Morris	Registration No. 47,321
Norman L. Norris	Registration No. 24,196	George J. Awad	Registration No. 46,528
Lynn A. Malinoski	Registration No. 38,788	Steven D. Maslowski	Registration No. 46,905
Steven B. Samuels	Registration No. 37,711	S. Maurice Valla	Registration No. 43,966
Anthony J. Rossi	Registration No. 24,053	Vincent J. Roccia	Registration No. 43,887

03960750-092101

Robin S. Quartin      Registration No. 45,028  
Patrick J. Farley      Registration No. 42,524  
Gregory L. Hillyer      Registration No. 44,154  
Susan C. Murphy      Registration No. 46,221  
Raymond N. Scott, Jr.      Registration No. P48,666  
David L. Marcus      Registration No. 46,897  
Christine A. Goddard      Registration No. 46,731

Ellen M. Klann      Registration No. 44,836  
Andrew J. Hagerty      Registration No. 44,141  
Emma R. Dailey      Registration No. P48,491  
Stephen C. Timmins      Registration No. P48,481  
Erich M. Falke      Registration No. P49,049  
Jane Smith Inglese      Registration No. P48,444

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP at the above address.

Date:      September 21, 2001



Thomas E. Watson

Registration No. 43,243

Woodcock Washburn Kurtz  
Mackiewicz & Norris LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439